Issue Classification	Application No.	Applicant(s)	
	09/056,019	TUOMANEN ET AL.	
	Examiner	Art Unit	
	N. M. Minnifield	1645	

ISSUE CLASSIFICATION

ORIGINAL CLASS	ORIGINAL SUBCLASS	CROSS REFERENCE(S) CLASS	CROSS REFERENCE(S) SUBCLASS (ONE SUBCLASS PER BLOCK)						
530	350	530	324						
INTERNATIONAL CLASSIFICATION		424	184.1	185.1	190.1	244.1	234.1		
A 6 1 K	38/00								
A 6 1 K	39/09								
A 6 1 K	39/38								
A 6 1 K	39/02								
A 6 1 K	39/00								

(Assistant Examiner) (Date)

(Legal Instruments Examiner) 10-6-04 (Date)

N. M. Minnifield 09/13/04

(Primary Examiner) (Date)

Total Claims Allowed: 54

O.G. Print Claim(s)	O.G. Print Fig.
none	none

☒ **Claims renumbered in the same order as presented by applicant** ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		31	16	61		91	53	121		151		181
	2		32	17	62	38	92	54	122		152		182
	3		33	18	63	39	93		123		153		183
	4		34		64	40	94		124		154		184
	5		35		65	41	95		125		155		185
	6		36	19	66		96		126		156		186
	7		37	20	67		97		127		157		187
	8		38	21	68	42	98		128		158		188
	9		39	22	69		99		129		159		189
	10		40	23	70		100		130		160		190
	11		41	24	71		101		131		161		191
	12		42	25	72		102		132		162		192
	13		43		73		103		133		163		193
	14		44	26	74		104		134		164		194
	15		45	27	75		105		135		165		195
	16	1	46	28	76		106		136		166		196
	17	2	47	29	77		107		137		167		197
	18	3	48	30	78		108		138		168		198
	19	4	49		79		109		139		169		199
	20	5	50	31	80		110		140		170		200
	21	6	51	32	81	43	111		141		171		201
	22	7	52	33	82	44	112		142		172		202
	23	8	53	34	83	45	113		143		173		203
	24	9	54		84	46	114		144		174		204
	25	10	55		85	47	115		145		175		205
	26	11	56		86	48	116		146		176		206
	27	12	57	35	87	49	117		147		177		207
	28	13	58	36	88	50	118		148		178		208
	29	14	59	37	89	51	119		149		179		209
	30	15	60		90	52	120		150		180		210

Issue Classification	Application No.	Applicant(s)	
	09/056,019	TUOMANEN ET AL.	
	Examiner	Art Unit	
	N. M. Minnifield	1645	

ISSUE CLASSIFICATION

ORIGINAL					CLASS	CROSS REFERENCE(S)						
CLASS				SUBCLASS		SUBCLASS (ONE SUBCLASS PER BLOCK)						
INTERNATIONAL CLASSIFICATION												
C	0	7	K	16/00								
C	0	7	K	17/00								
C	0	7	K	7/00								
C	0	7	K	5/00								
C	0	7	K	1/00								

(Assistant Examiner) (Date)

(Legal Instruments Examiner) (Date)

(Primary Examiner) (Date)

Total Claims Allowed:

O.G. Print Claim(s)	O.G. Print Fig.

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	211		241		271		301		331		361		391
	212		242		272		302		332		362		392
	213		243		273		303		333		363		393
	214		244		274		304		334		364		394
	215		245		275		305		335		365		395
	216		246		276		306		336		366		396
	217		247		277		307		337		367		397
	218		248		278		308		338		368		398
	219		249		279		309		339		369		399
	220		250		280		310		340		370		400
	221		251		281		311		341		371		401
	222		252		282		312		342		372		402
	223		253		283		313		343		373		403
	224		254		284		314		344		374		404
	225		255		285		315		345		375		405
	226		256		286		316		346		376		406
	227		257		287		317		347		377		407
	228		258		288		318		348		378		408
	229		259		289		319		349		379		409
	230		260		290		320		350		380		410
	231		261		291		321		351		381		411
	232		262		292		322		352		382		412
	233		263		293		323		353		383		413
	234		264		294		324		354		384		414
	235		265		295		325		355		385		415
	236		266		296		326		356		386		416
	237		267		297		327		357		387		417
	238		268		298		328		358		388		418
	239		269		299		329		359		389		419
	240		270		300		330		360		390		420